Textarea

Textarea A powerful multi-line text input component designed for collecting longer text content with comprehensive form integration, validation support, and accessibility features. Supports Angular Forms (reactive and template-driven), custom styling, and advanced features like processing gradient borders. How to use ■ import { AavaTextareaComponent } from "@aava/play-core" ; Basic Usage ■ Simple textarea implementations with labels and basic functionality. Sizes ■ Three size variants to accommodate different interface requirements and content needs. Available Sizes ■ xs (Extra Small) : Very compact, ideal for tight spaces or dense forms sm (Small) : Compact for space-constrained interfaces md (Medium) : Standard size for most use cases (default) lg (Large) : Prominent for primary content input areas xl (Extra Large) : Very prominent, used for standout or high-visibility inputs Variants ■ Color variants for different contexts, states, and semantic meanings. Style Variants ■ default : Standard neutral appearance primary : Brand color for important inputs success : Green for positive confirmation states error : Red for validation errors and critical states warning : Orange for caution and attention states info : Blue for informational content and tips Accessibility ■ Built-in accessibility features ensuring inclusive user experience. Accessibility Features ■ Keyboard Navigation : Full keyboard support with proper focus management Screen Reader Support : Semantic HTML and ARIA attributes Error Announcements : Live regions for dynamic error messaging Focus Indicators : Clear visual focus states for navigation Label Association : Proper form control labeling and description High Contrast : Support for high contrast accessibility modes API Reference ■ Inputs ■ Property Type Default Description label string '' Label text displayed above the textarea placeholder string '' Placeholder text shown when textarea is empty variant 'default' | 'primary' | 'success' | 'error' | 'warning' | 'info' 'default' Color variant for styling size 'xs' , 'sm' , 'md' , 'lg' , 'xl' 'md' Size variant of the textarea disabled boolean false Whether the textarea is disabled readonly boolean false Whether the textarea is read-only error string '' Error message to display helper string '' Helper text to provide guidance rows number 3 Number of visible text lines id string '' HTML id attribute for the textarea name string '' HTML name attribute for form submission maxlength number '' Maximum number of characters allowed minlength number '' Minimum number of characters required required boolean false Whether the field is required fullWidth boolean false Whether to take full width of container style Record<string, string> '' Custom CSS styles object resizable boolean true Whether the textarea can be resized vertically autoResize boolean false Whether to automatically resize height to fit content processing boolean false Whether to show processing state processingGradientBorder boolean false Whether to show animated gradient border processingGradientColors string[] See below Array of colors for gradient animation Outputs ■ Event Type Description blur EventEmitter<Event> Emitted when the input loses focus focus EventEmitter<Event> Emitted when the input gains focus input EventEmitter<Event> Emitted on every input change change EventEmitter<Event> Emitted when the input value changes iconStartClick EventEmitter<Event> Emitted when the start icon is clicked iconEndClick

EventEmitter<Event> Emitted when the end icon is clicked Properties ■ Property Type Description value string Current textarea value isFocused boolean Whether textarea currently has focus hasError boolean Whether textarea has error state hasHelper boolean Whether textarea has helper text Methods ■ Method Parameters Return Type Description writeValue() value: string void Set textarea value (ControlValueAccessor) registerOnChange() fn: (value: string) => void void Register change callback registerOnTouched() fn: () => void void Register touched callback setDisabledState() isDisabled: boolean void Set disabled state CSS Custom Properties ■ Property Description --textbox-gap Base gap between textarea elements --textbox-gap-xs Gap for extra small size variant --textbox-gap-sm Gap for small size variant --textbox-gap-lg Gap for large size variant --textbox-gap-xl Gap for extra large size variant --textbox-label-font Font family for labels --textbox-label-color Color for label text --textbox-label-weight Font weight for label text --textbox-xs-label-font-size Label font size for extra small variant --textbox-xs-label-weight Label font weight for extra small variant --textbox-xs-label-line-height Line height for extra small label --textbox-xs-label-font-style Font style for extra small label --textbox-sm-label-font-size Label font size for small variant --textbox-sm-label-weight Label font weight for small variant --textbox-sm-label-line-height Line height for small label --textbox-sm-label-font-style Font style for small label --textbox-md-label-font-size Label font size for medium variant --textbox-md-label-weight Label font weight for medium variant --textbox-md-label-line-height Line height for medium label --textbox-md-label-font-style Font style for medium label --textbox-lg-label-font-size Label font size for large variant --textbox-lg-label-weight Label font weight for large variant --textbox-lg-label-line-height Line height for large label --textbox-lg-label-font-style Font style for large label --textbox-xl-label-font-size Label font size for extra large variant --textbox-xl-label-weight Label font weight for extra large variant --textbox-xl-label-line-height Line height for extra large label --textbox-xl-label-font-style Font style for extra large label --textbox-required-color Color for required field indicator --textbox-textarea-container-padding Padding around textarea container --textbox-background Background color of the textarea --glass-50-border Glass border style for textarea --textbox-textarea-hover-primary Primary hover color for textarea --textbox-textarea-hover-border-width Border width on hover --textbox-textarea-focus-primary Primary color for focus state --textbox-border-error-color Border color when there is an error --textbox-background-disabled Background for disabled state --textbox-border-disabled-color Border color for disabled state --textbox-background-readonly Background for readonly state --textbox-border-readonly-color Border color for readonly state --textbox-xs-border-radius Border radius for extra small variant --textbox-sm-border-radius Border radius for small variant --textbox-md-border-radius Border radius for medium variant --textbox-lg-border-radius Border radius for large variant --textbox-xl-border-radius Border radius for extra large variant --textbox-input-xs-padding Padding inside extra small input --textbox-input-sm-padding Padding inside small input --textbox-input-md-padding Padding inside medium input --textbox-input-lg-padding Padding inside large input --textbox-input-xl-padding Padding inside extra large input --textbox-input-font Font family for input text --textbox-input-color Text color for

input --textbox-input-padding General input padding --textbox-textarea-min-height Minimum height of textarea --textbox-textarea-min-height-xs Minimum height for extra small variant --textbox-textarea-min-height-sm Minimum height for small variant --textbox-textarea-min-height-md Minimum height for medium variant --textbox-textarea-min-height-lg Minimum height for large variant --textbox-textarea-min-height-xl Minimum height for extra large variant --textbox-input-xs-font-size Font size for extra small input --textbox-input-xs-font-weight Font weight for extra small input --textbox-input-xs-font-style Font style for extra small input --textbox-input-xs-line-height Line height for extra small input --textbox-input-sm-font-size Font size for small input --textbox-input-sm-font-weight Font weight for small input --textbox-input-sm-font-style Font style for small input --textbox-input-sm-line-height Line height for small input --textbox-input-md-font-size Font size for medium input --textbox-input-md-font-weight Font weight for medium input --textbox-input-md-font-style Font style for medium input --textbox-input-md-line-height Line height for medium input --textbox-input-lg-font-size Font size for large input --textbox-input-lg-font-weight Font weight for large input --textbox-input-lg-font-style Font style for large input --textbox-input-lg-line-height Line height for large input --textbox-input-xl-font-size Font size for extra large input --textbox-input-xl-font-weight Font weight for extra large input --textbox-input-xl-font-style Font style for extra large input --textbox-input-xl-line-height Line height for extra large input --textbox-affix-padding Padding for affix elements --textbox-affix-color Color of affix elements --textbox-affix-font-size Font size of affix elements --textbox-affix-background Background of affix elements --textbox-affix-border-radius Border radius of affix elements --textbox-affix-disabled-color Disabled color for affix elements --textbox-affix-disabled-background Disabled background for affix elements --textbox-error-gap Gap between textarea and error text --textbox-error-color Color for error messages --textbox-error-font-size Font size for error messages --textbox-xs-error-font-size Font size for error text in extra small variant --textbox-sm-error-font-size Font size for error text in small variant --textbox-md-error-font-size Font size for error text in medium variant --textbox-lg-error-font-size Font size for error text in large variant --textbox-xl-error-font-size Font size for error text in extra large variant --textbox-helper-gap Gap between textarea and helper text --textbox-helper-color Color for helper text --textbox-helper-font-size Font size for helper text --textbox-xs-helper-font-size Helper font size for extra small variant --textbox-sm-helper-font-size Helper font size for small variant --textbox-md-helper-font-size Helper font size for medium variant --textbox-lg-helper-font-size Helper font size for large variant --textbox-xl-helper-font-size Helper font size for extra large variant --textbox-border-primary-color Primary border color --processing-gradient-colors Colors for gradient animation Best Practices ■ Design Guidelines ■ Use appropriate row heights for expected content length Provide clear labels and helper text for guidance Choose semantic variants that match content purpose Enable resizing for longer content input areas Consider processing states for form submissions Accessibility ■ Always provide meaningful labels for screen readers Use helper text to explain input requirements Ensure error messages are descriptive and actionable Maintain sufficient color contrast for all variants Test keyboard navigation and screen reader compatibility Performance ■ Use OnPush change

detection strategy for better performance Avoid frequent style changes that trigger repaints Consider debouncing for real-time validation Use trackBy functions for dynamic textarea lists

```html
<aava-textarea
  placeholder="Enter your text here..."
  [rows]="4"
  (change)="onTextareaChange($event)"
  [processing]="true"
  variant="primary"
></aava-textarea>
```

```typescript
onTextareaChange(event: Event) {
  const target = event.target as HTMLTextAreaElement;
  console.log('Textarea value changed:', target.value);
}
```

```html
<aava-textarea
  label="Extra Small"
  placeholder="Extra small textarea..."
  size="xs"
  [rows]="2"
  (change)="onTextareaChange($event)"
></aava-textarea>

<aava-textarea
  label="Small"
  placeholder="Small textarea..."
  size="sm"
  [rows]="2"
  (change)="onTextareaChange($event)"
></aava-textarea>

<aava-textarea
  label="Medium"
  placeholder="Medium textarea..."
  size="md"
  [rows]="3"
  (change)="onTextareaChange($event)"
></aava-textarea>

<aava-textarea
  label="Large"
  placeholder="Large textarea..."
  size="lg"
  [rows]="4"
  (change)="onTextareaChange($event)"
></aava-textarea>

<aava-textarea
  label="Extra Large"
  placeholder="Extra large textarea..."
  size="xl"
  [rows]="4"
  (change)="onTextareaChange($event)"
></aava-textarea>
```

```typescript
  onTextareaChange(event: Event) {
    const target = event.target as HTMLTextAreaElement;
    console.log('Textarea value changed:', target.value);
  }
```

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